

# LED Flash Device for Camera

## Abstract of Disclosure

An electronic flash apparatus for a camera includes a housing, a white light LED (light emitting diode) mounted in the housing, and a cover lens mounted on an open end of the housing. A DC power supply and control circuit provide power to the LED via lead wires. The activation of the LED may be synchronized with the taking of a picture by an associated camera. The LED allows for an improved flash by reducing the manufacturing cost and the number of parts needed for a conventional flash using a discharge tube.

## Figures

1. The first figure shows the results of the first experiment. The data is presented in a table with columns for 'Time' and 'Distance'. The values are as follows:

Time (s)	Distance (m)
0	0
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5
10	15.0